

New Methodologies to Interaction Design for High-Tech Management in Energy-Building Field

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New Methodologies to Interaction Design for High-Tech Management in Energy-Building Field

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Nowadays the concepts of virtual communication and remote networks with other people and with our own hi-tech devices affect contemporary lifestyle and housing. Home automation tries to meet these needs, but its relationship with building products and heterogeneous user groups is not always properly. This research starts from the case study of an innovative building system to propose new methodologies of analysis that outline domestic scenario of material and energy flows and define user needs and actions. These methodologies allow to define guidelines for designing an innovative home interface, according to a “predictive” logic of people and environment needs.

Keywords: *interaction design, home automation, methodology, energy management*

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